

IN THE CLAIMS

Please amend the claims as follows:

1. (Withdrawn) A method comprising:
 receiving or creating a search query;
 determining a relevant article associated with the search query; and
 determining a ranking score for the relevant article based at least in part on
 client-side behavior data associated with the relevant article.

2. (Withdrawn) The method of claim 1, wherein the client-side client behavior data for the article is received by a ranking processor and wherein the ranking score for the relevant article based at least in part on client-side behavior data associated with the article is determined by the ranking processor.

3. (Withdrawn) The method of claim 1, further comprising arranging the article based upon the ranking score.

4-24. (Canceled).

25. (Currently Amended) A method comprising:
 determining client-side behavior data associated with an article;
 providing the client-side behavior data associated with the article to a ranking processor;
 calculating a predetermined client behavior score for the article based at least in part on the client-side behavior data associated with the article; ~~and~~
 storing the predetermined client behavior score in a data store, wherein the data store associates the predetermined client behavior score with the article;
receiving a search query;
determining that the article is associated with the search query;
receiving from the data store the predetermined client behavior score associated with the article;

arranging the article in a search result of the search query based at least in part on the predetermined client behavior score associated with the relevant article; and
displaying at least a part of the search result to a user.

26. (Canceled)

27. (Withdrawn) A method comprising:

determining a query-independent score for an article based at least in part on client-side behavior data associated with the article;
 receiving a search query;
 determining a relevant article associated with the query; and
 determining a ranking score based at least in part on the query-independent score.

28. (Withdrawn) The method of claim 27 further comprising processing the article in an order determined by the query-independent score.

29. (Withdrawn) A method comprising:

identifying an article;
 determining client-side behavior data for the article;
 determining a score for the article based at least in part on client-side behavior data associated with the article; and
 causing a display of the score.

30. (Withdrawn) A computer readable medium containing program code comprising:

program code for receiving or creating a search query;
 program code for determining a relevant article associated with the search query; and

program code for determining a ranking score for the relevant article based at least in part on client-side behavior data associated with the relevant article.

31. (Withdrawn) The computer readable medium of claim 30, wherein the client-side client behavior data for the article is received by a ranking processor and wherein the ranking score for the relevant article based at least in part on client-side behavior data associated with the article is determined by the ranking processor.

32. (Withdrawn) The computer readable medium of claim 30, further comprising arranging the article based upon the ranking score.

33-53. (Canceled).

54. (Currently Amended) A computer readable medium containing program code comprising:

program code for determining client-side behavior data associated with an article;

program code for providing the client-side behavior data associated with the article to a ranking processor;

program code for calculating a predetermined client behavior score for the article based at least in part on the client-side behavior data associated with the article; ~~and~~

program code for storing the predetermined client behavior score in a data store, wherein the data store associates the predetermined client behavior score with the article;

program code for receiving a search query;

program code for determining that the article is associated with the search query;

program code for receiving from the data store the predetermined client behavior score associated with the article;

program code for arranging the article in a search result of the search query
based at least in part on the predetermined client behavior score
associated with the relevant article; and
program code for displaying at least a part of the search result to a user.

55. (Cancelled)

56. (Withdrawn) A computer readable medium containing program code comprising:

program code for determining a query-independent score for an article based at least in part on client-side behavior data associated with the article;
program code for receiving a search query;
program code for determining a relevant article associated with the query; and
program code for determining a ranking score based at least in part on the query-independent score.

57. (Withdrawn) The computer readable medium of claim 56 further comprising program code for processing the article in an order determined by the query-independent score.

58. (Withdrawn) A computer readable medium containing program code comprising:

program code for identifying an article;
program code for determining client-side behavior data for the article; program code for determining a score for the article based at least in part on client-side behavior data associated with the article; and
program code for causing a display of the score.

59. (Withdrawn) A system comprising:

a) a processor for executing computer readable program instructions capable of improving a search ranking using article information;

- b) a memory for storing the computer readable program instructions capable of improving a search ranking using article information;
 - c) a client application for allowing client behavior activity;
 - d) a client article capable of receiving the client behavior activity;
 - e) a query processor for receiving a search query;
 - f) a monitoring engine for determining client behavior data associated with client behavior activity received by the article;
 - g) a search engine for returning articles associated with the search query in a ranking order based at least in part on the client behavior data; and
 - h) a data store for storing client behavior data associated with the client article.
60. (Withdrawn) The system 59 wherein the search engine comprises:
- a) an article locator for determining articles associated with the search query;
 - b) a client behavior data processor for determining client behavior data associated with the articles associated with the search query; and
 - c) a ranking processor for providing a ranking score based at least in part on the client behavior data associated with the articles associated with the search query.
61. (Withdrawn) A method comprising:
- a) providing a client behavior data database;
 - b) receiving a search query;
 - c) determining a set of articles relevant to the search query;
 - d) determining a first article in the set of articles relevant to the search query;
 - e) determining client behavior data in the database associated with the first article;
 - f) providing client behavior data associated with the first article to a ranking processor;
 - g) determining a ranking score for the first article based at least in part on the client behavior data associated with the first article;
 - h) arranging the first article based on the ranking score; and
 - i) displaying relevant articles.

62. (Currently Amended) The method of claim 26 25, wherein the search query is an explicit search query.

63. (Currently Amended) The method of claim 26 25, wherein the search query is an implicit search query.

64. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises scrolling activity data.

65. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises printing data.

66. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises book marking data.

67. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises use of computer program application data.

68. (Previously Presented) The method of claim 67, wherein the use of computer program application data is used in connection with additional client-side behavior data.

69. (Previously Presented) The method of claim 68, wherein the additional client-side behavior data comprises idleness data.

70. (Previously Presented) The method of claim 68, wherein the additional client-side behavior data comprises use of computer program applications data.

71. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises frequency of article access data.

72. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises time of access data.

73. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises time of access relative to the access of other associated articles data.

74. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises forwarding data.

75. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises copying data.

76. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises replying data.

77. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises mouse movement data.

78. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises user interactions with a separate article data.

79. (Previously Presented) The method of claim 25, wherein the client-side behavior data associated with the article comprises location data.

80. (Previously Presented) The method of claim 25, further comprising determining a combined score based at least in part on client-side behavior data for multiple users.

81. (Previously Presented) The method of claim 25, further comprising determining a combined score from a plurality of types of client-side behavior data.

82. (Previously Presented) The method of claim 81, wherein creating a combined score from a plurality of types of client-side behavior data comprises using

different weights for different types of behavior data or for client-side behavior data associated with different applications.

83. (Currently Amended) The computer readable medium of claim ~~55~~ 54, wherein the search query is an explicit search query.

84. (Currently Amended) The computer readable medium of claim ~~55~~ 54, wherein the search query is an implicit search query.

85. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises scrolling activity data.

86. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises printing data.

87. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises book marking data.

88. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises use of computer program application data.

89. (Previously Presented) The computer readable medium of claim 88, wherein the use of computer program application data is used in connection with additional client-side behavior data.

90. (Previously Presented) The computer readable medium of claim 89, wherein the additional client-side behavior data comprises idleness data.

91. (Previously Presented) The computer readable medium of claim 89, wherein the additional client-side behavior data comprises use of computer program applications data.

92. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises frequency of article access data.

93. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises time of access data.

94. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises time of access relative to the access of other associated articles data.

95. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises forwarding data.

96. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises copying data.

97. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises replying data.

98. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises mouse movement data.

99. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises user interactions with a separate article data.

100. (Previously Presented) The computer readable medium of claim 54, wherein the client-side behavior data associated with the article comprises location data.

101. (Previously Presented) The computer readable medium of claim 54, further comprising program code for determining a combined score based at least in part on client-side behavior data for multiple users.

102. (Previously Presented) The computer readable medium of claim 54, further comprising program code for determining a combined score from a plurality of types of client-side behavior data.

103. (Previously Presented) The computer readable medium of claim 102, wherein creating a combined score from a plurality of types of client-side behavior data comprises using different weights for different types of behavior data or for client-side behavior data associated with different applications.

104. (New) A method to order a set of articles, comprising:
- determining client-side behavior data associated with an article;
 - providing the client-side behavior data associated with the article to a ranking processor;
 - calculating a predetermined client behavior score for the article based at least in part on the client-side behavior data associated with the article;
 - storing the predetermined client behavior score in a data store, wherein the data store associates the predetermined client behavior score with the article;
 - determining a set of relevant articles relevant to a query signal, the set of relevant articles including the article;
 - receiving from the data store the predetermined client behavior score associated with the article;
 - arranging the set of relevant articles in an order based at least in part on the predetermined client behavior score associated with the article; and
 - displaying at least a part of the set of relevant articles to a user in the order.
105. (New) A method to order search results, comprising:
- determining client-side behavior data associated with an article stored in a client device;
 - providing the client-side behavior data associated with the article to a ranking processor;
 - calculating a predetermined client behavior score for the article based at least in part on the client-side behavior data associated with the article;

storing the predetermined client behavior score in a data store in the client device, wherein the data store associates the predetermined client behavior score with the article;

receiving a search query;

determining that the article is associated with the search query;

receiving from the data store the predetermined client behavior score associated with the article;

arranging the article in a search result of the search query in an order based at least in part on the predetermined client behavior score associated with the article; and

displaying at least a part of the search result to a user in the order.